

FIG. 1A



OCIF ACTIVITY

DILUTION	FRACTIONS			
	<u>1-10</u>	<u>11-20</u>	<u>21-30</u>	<u>31-40</u>
1/100	-	++	++	-
1/500	-	++	++	-

FIG. 1B

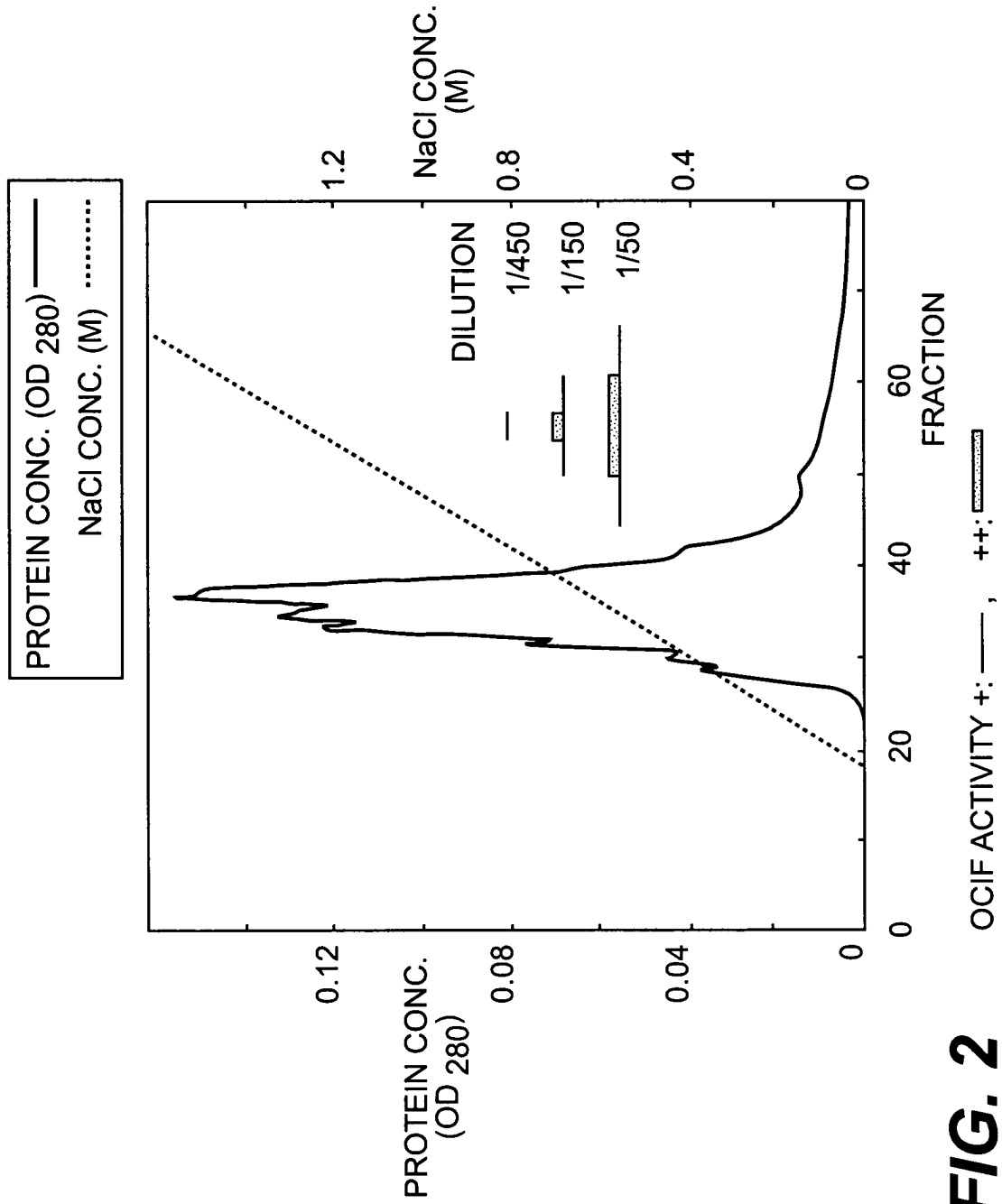


FIG. 2

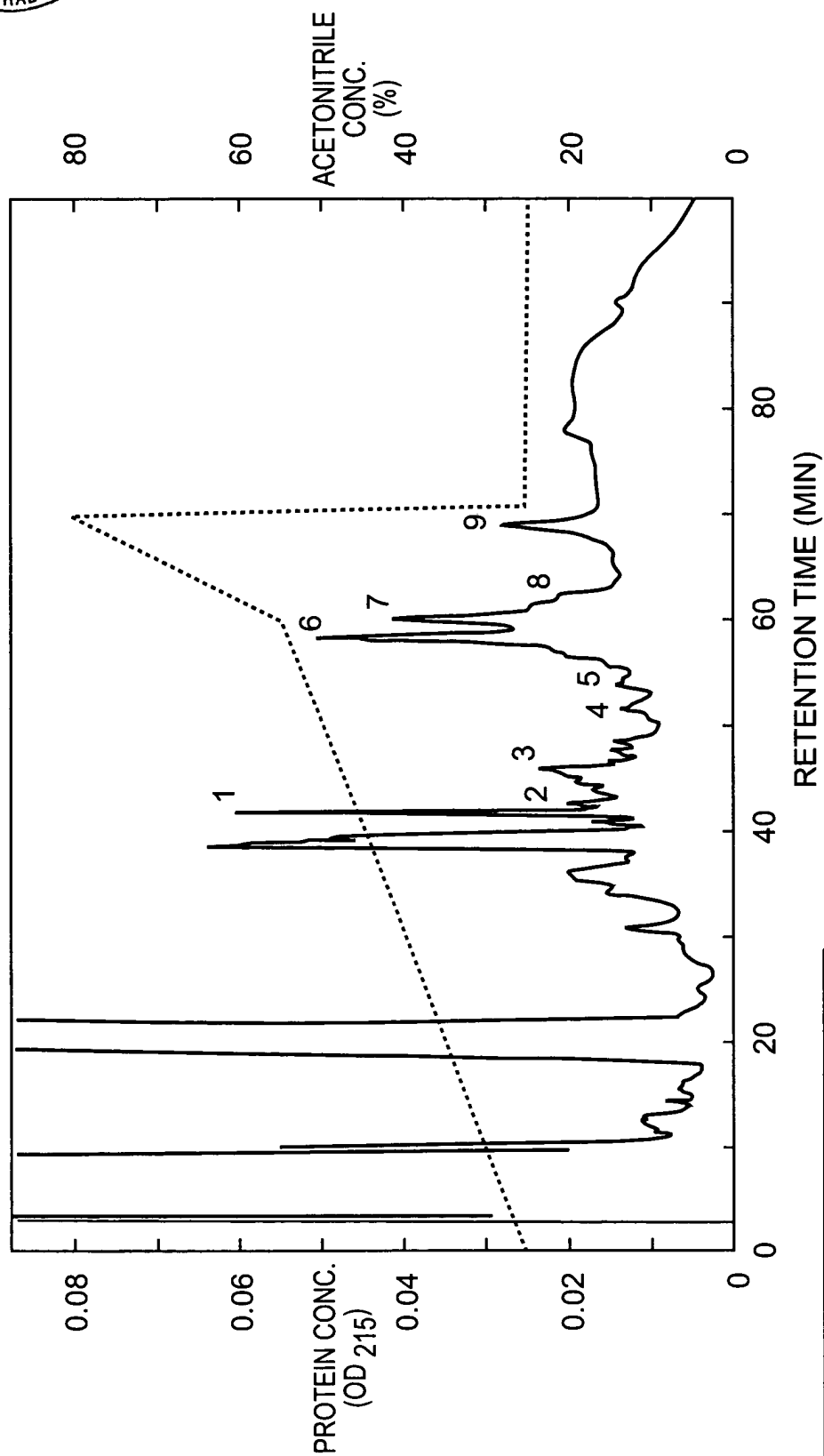


FIG. 3

PROTEIN CONC. (OD 215) —
ACETONITRILE CONC. (%)

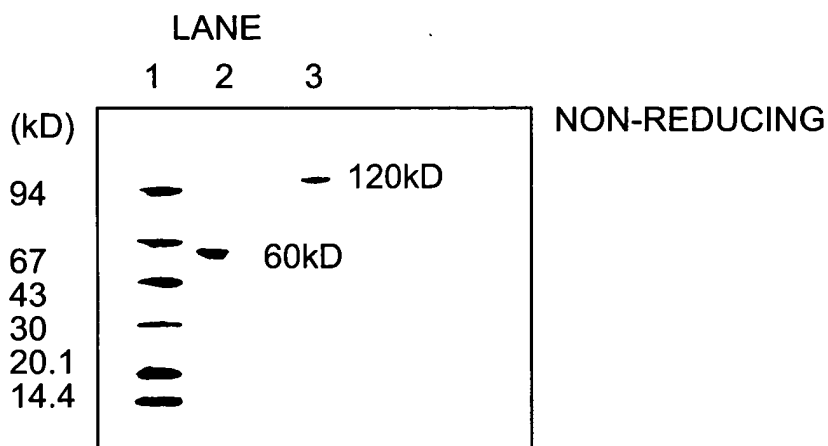


FIG. 4A

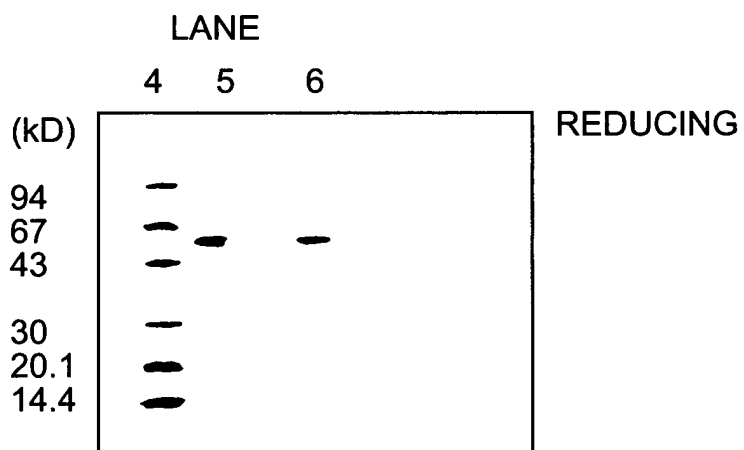


FIG. 4B

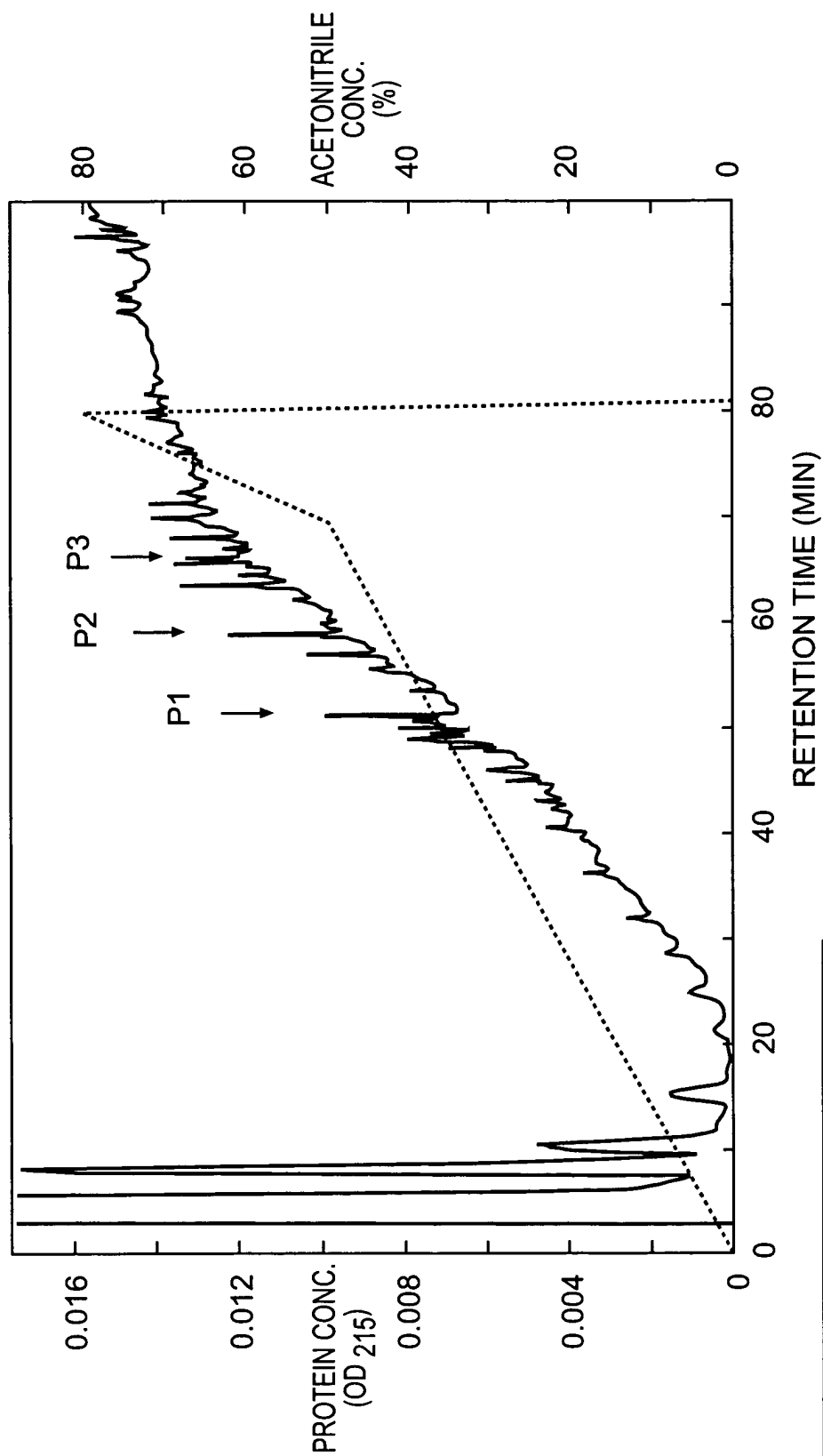


FIG. 5

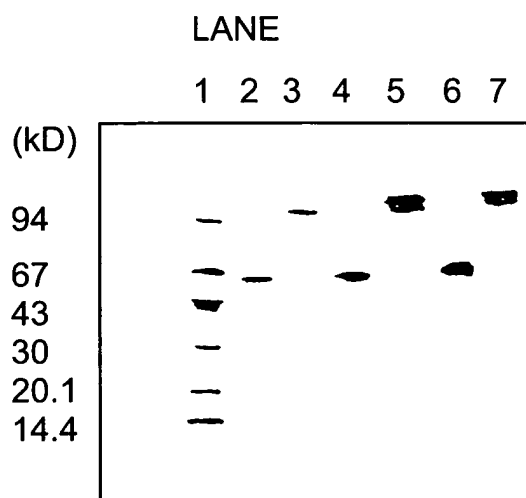


FIG. 6

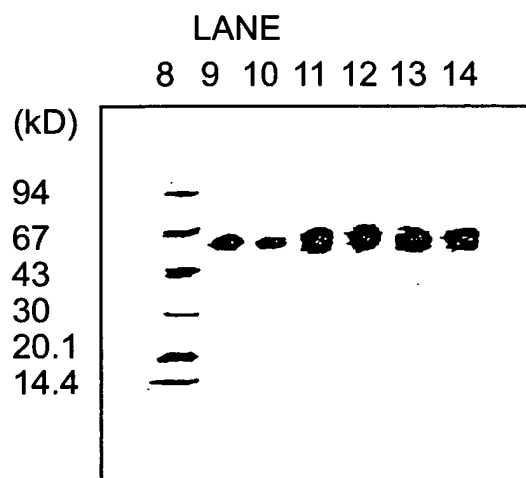


FIG. 7

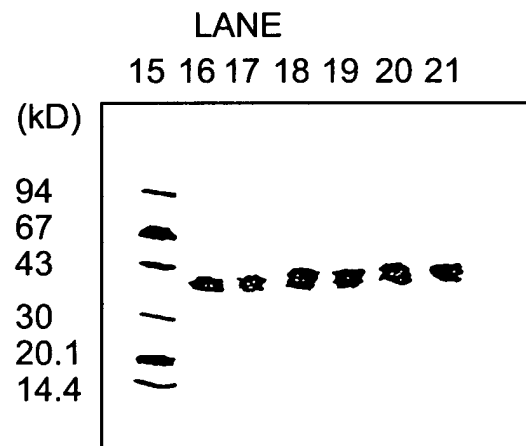


FIG. 8



1
MNNLLCCALVFLDI SI KWTTQETFPKYLHYDEETSHQLLCDKPPGTYLKQHCTAKWKT (OCIF1, SEQ ID NO:5)

MNNLLCCALVFLDI SI KWTTQETFPKYLHYDEETSHQLLCDKPPGTYLKQHCTAKWKT (OCIF2, SEQ ID NO:9)
1

61
VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1, SEQ ID NO:5)

VCAPCPDHYTDSWHTSDECLYCSPVCKE-----CNRTHNRVCECKEGRYLEIEFCLK (OCIF2, SEQ ID NO:9)
61

121
HRSCPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF1, SEQ ID NO:5)

HRSCPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF2, SEQ ID NO:9)
114

181
HDNICSNSESTQKCGIDVTLCEEAFRFAVPTKFTPNWLSVLVDNLPGTKVNAESVERI (OCIF1, SEQ ID NO:5)

HDNICSNSESTQKCGIDVTLCEEAFRFAVPTKFTPNWLSVLVDNLPGTKVNAESVERI (OCIF2, SEQ ID NO:9)
174

241
KRQHSSQEQTQQLKLWKHQKQDQDI VKKII QDIDLCEMSVQRHI GHANLTFEQLRSLME (OCIF1, SEQ ID NO:5)

KRQHSSQEQTQQLKLWKHQKQDQDI VKKII QDIDLCEMSVQRHI GHANLTFEQLRSLME (OCIF2, SEQ ID NO:9)
234

301
SLPGKKVGAEDIEKTI KACKPSDQILKLLSLWRI KNGDQDTLKGLMHALKHSKTYHFPKT (OCIF1, SEQ ID NO:5)

SLPGKKVGAEDIEKTI KACKPSDQILKLLSLWRI KNGDQDTLKGLMHALKHSKTYHFPKT (OCIF2, SEQ ID NO:9)
294

361
VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVQSVKI SCL (OCIF1, SEQ ID NO:5)

VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVQSVKI SCL (OCIF2, SEQ ID NO:9)
354

FIG. 9



1
MNNLLCCALVFLDI SI KWTQTETFPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF1, SEQ ID NO:5)
** *****
MNNLLCCALVFLDI SI KWTQTETFPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF3, SEQ ID NO:11)
1

61
VCAPCPDHYTDSWHTSDECLYCSFVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1, SEQ ID NO:5)

VCAPCPDHYTDSWHTSDECLYCSFVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF3, SEQ ID NO:11)
61

121
HRSCPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF1, SEQ ID NO:5)

HRSCPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF3, SEQ ID NO:11)
121

181
HDNI CSGNSESTQKCGIDVTLCEEAFRFAVPTKFTPNWLSVLVDNLPGTKVNAESVERI (OCIF1, SEQ ID NO:5)

HDNI CSGNSESTQKCGIDVTLCEEAFRFAVPTKFTPNWLSVLVDNLPGTKVNAESVERI (OCIF3, SEQ ID NO:11)
181

241
KRQHSSQEQTFFQLKLWKHQNKDQDI VKKI IQDIDL CENS VQRHI GHANLTFEQLRSLME (OCIF1, SEQ ID NO:5)

KRQHSSQEQTFFQLKLWKHQNKDQDI VKKI IQDIDL CENS VQRHI GHANLS----- (OCIF3, SEQ ID NO:11)
241

301
SLPGKKVGAEDIEKTI KACKPSDQILKLLSLWRI KNGDQDTLKGLMHALKHSKTYHFPKT (OCIF1, SEQ ID NO:5)

-----LWRI KNGDQDTLKGLMHALKHSKTYHFPKT (OCIF3, SEQ ID NO:11)
292

361
VTQSLKKTIRFLHSFTMYKLYQKLFLEMI GNQVQSVKI SCL (OCIF1, SEQ ID NO:5)

VTQSLKKTIRFLHSFTMYKLYQKLFLEMI GNQVQSVKI SCL (OCIF3, SEQ ID NO:11)
322

FIG. 10



1
MNNLLCCALVFLDI SI KWTQTETFPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF1, SEQ ID NO:5)
** *****
MNNLLCCSLVFLDI SI KWTQTETFPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF4, SEQ ID NO:13)
1
61
VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1, SEQ ID NO:5)

VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF4, SEQ ID NO:13)
61
121
HRSCPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF1, SEQ ID NO:5)

HRSCPPGFGVVQAGTCQCAAKLIRIMQSQIVVTV (OCIF4, SEQ ID NO:13)
121

FIG. 11

1
MNNLLCCALVFLDI SI KWTQTETFPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF1, SEQ ID NO:5)
** *****
MNNLLCCALVFLDI SI KWTQTETFPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF5, SEQ ID NO:15)
1
61
VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1, SEQ ID NO:5)

VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF5, SEQ ID NO:15)
61
121
HRSCPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF1, SEQ ID NO:5)
***** *
HRSCPPGFGVVQAGCRRRPPKQICI (OCIF5, SEQ ID NO:15)
121

FIG. 12

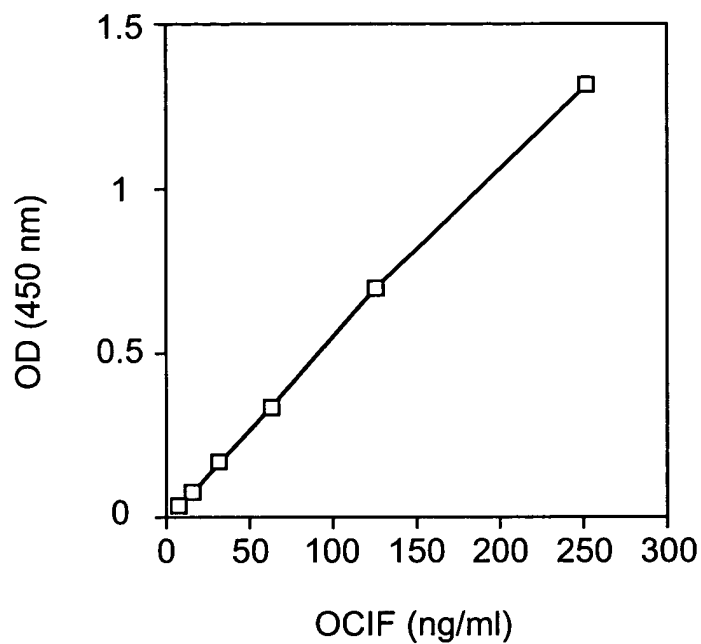


FIG. 13

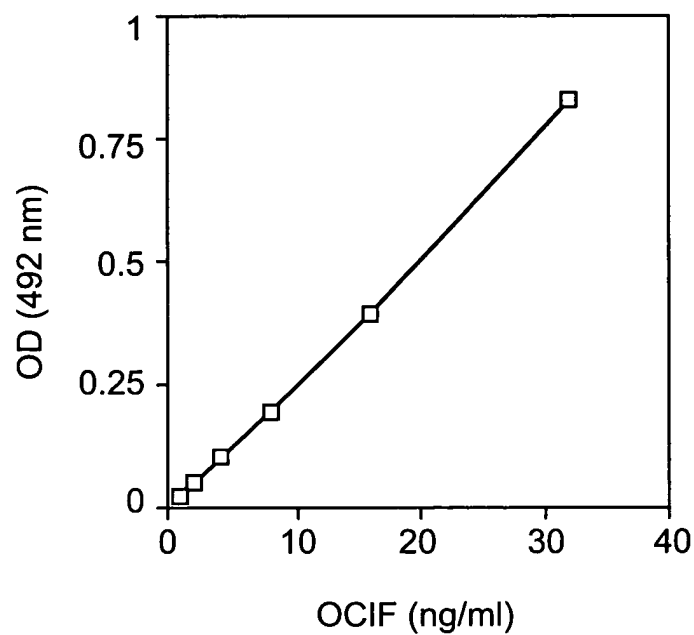
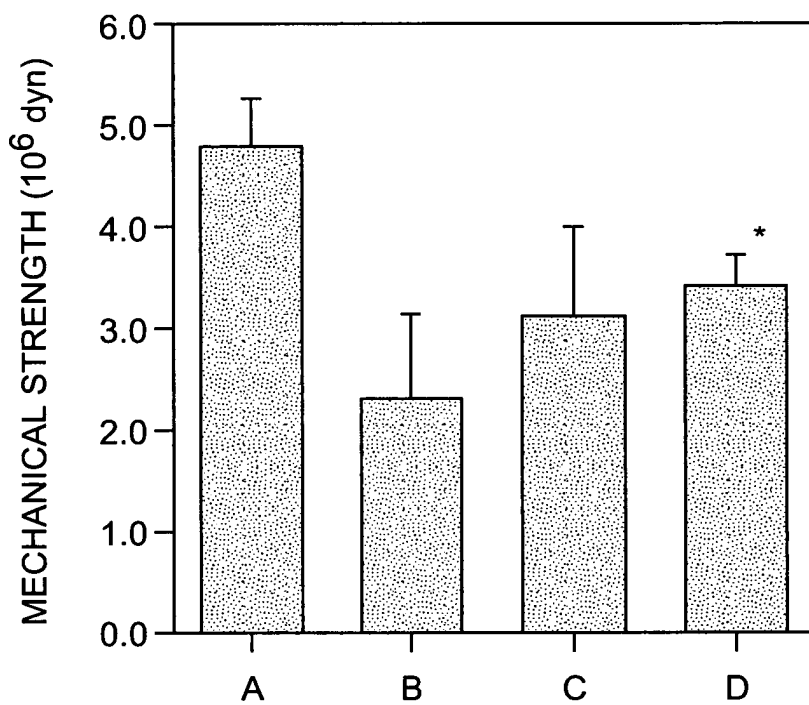


FIG. 14



A: NORMAL RAT
B: DENERVED RAT + VEHICLE
C: DENERVED RAT + OCIF 10 µg/kg/day
D: DENERVED RAT + OCIF 100 µg/kg/day

FIG. 15